

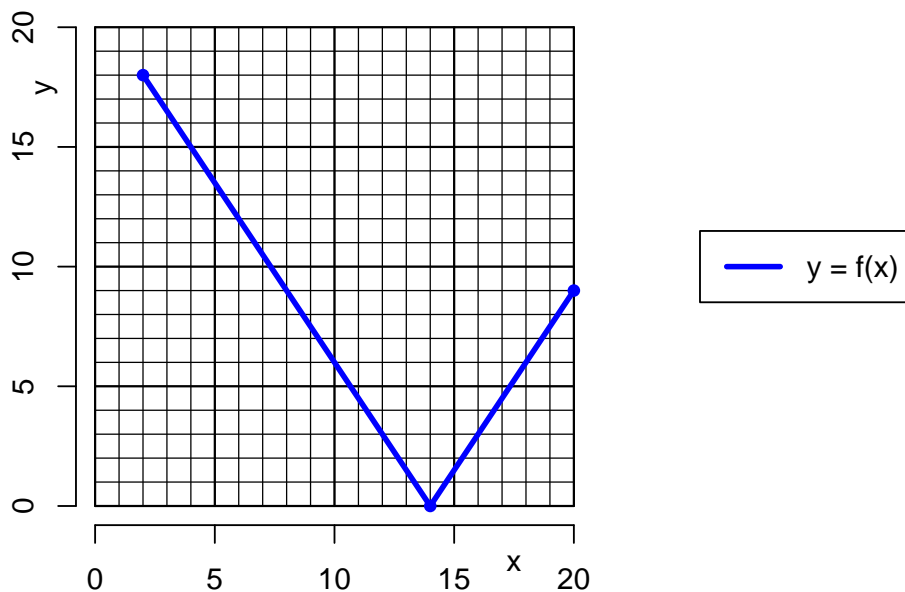
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 35)

### Question 1

Curve  $y = f(x)$  contains points  $(2, 18)$  and  $(14, 0)$  and  $(20, 9)$ , as shown on the  $x$ - $y$  plane below.

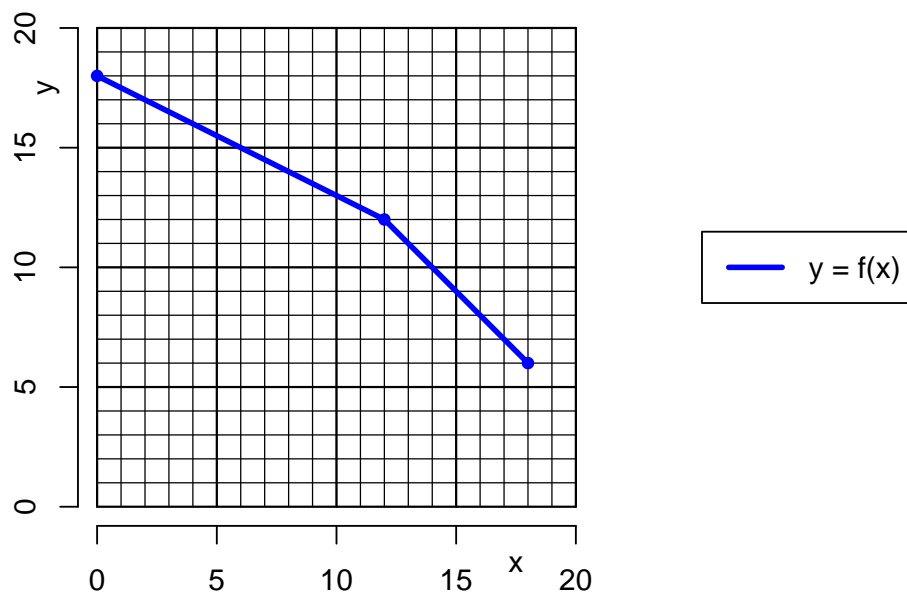


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x + 2]}{3} + 3$$

## Question 2

Curve  $y = f(x)$  contains points  $(0, 18)$  and  $(12, 12)$  and  $(18, 6)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x - 3] - 2}{2}$$